



## Guide to assembly language programming in Linux /

Dandamudi, Sivarama P. (1955-)

Springer,  
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DVDs Electronic books

Monografía

This text provides comprehensive coverage of the key elements of Assembly language programming, specifically targeting professionals and students who would like to learn Assembly and intend to move to the Linux operating system

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**Contenido:** Overview -- Assembly Language -- Computer Organization -- Digital Logic Circuits -- Memory Organization -- The IA-32 Architecture -- Linux -- Installing Linux -- Using Linux -- NASM -- Installing and Using NASM -- Debugging Assembly Language Programs -- Assembly Language -- A First Look at Assembly Language -- More on Assembly Language -- Writing Procedures -- More on Procedures -- Addressing Modes -- Arithmetic Instructions -- Conditional Execution -- Logical and Bit Operations -- Advanced Assembly Language -- String Processing -- ASCII and BCD Arithmetic -- Recursion -- Protected-Mode Interrupt Processing -- High-Level Language Interface -- Floating-Point Operations

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### **Baratz Innovación Documental**

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)